

1 BILL NO. S-81-06-27

2 SPECIAL ORDINANCE NO. S-162-81

3
4 AN ORDINANCE approving Change Order No.
5 1, St. Joe Study Area, Sewer Improvement
6 Resolution 310-80, Phase III, Federal
Grant #C-180599-06.

7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
8 FORT WAYNE, INDIANA:

9 SECTION 1. That Change Order No. 1 to Joe R. Norman
10 Contractor, Inc. in connection with the St. Joe Study Area
11 Project, for:

12 replacement of an existing 12"
13 waterline. This became apparent
during the course of construction,

14 in the amount of \$3,975.00, as set out in the specifications,
15 which are on file in the Office of the Board of Public Works
16 and are by reference incorporated herein and made a part hereof,
17 be and the same is in all things ratified, confirmed and ap-
18 proved.

19 SECTION 2. That this Ordinance shall be effective
20 from and after its passage and approval by the Mayor.

21
22 
23 COUNCILMAN

24
25 APPROVED AS TO FORM AND
26 LEGALITY JUNE 19, 1981.

27 
28 BRUCE O. BOXBERGER, CITY ATTORNEY
29
30
31
32

Read the first time in full and on motion by Burns, seconded by Talarico, and duly adopted, read the second time by title and referred to the Committee City of Fort Wayne (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on 6-23-81, the 6 o'clock M., E.S.T.

DATE: 6-23-81

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Talarico, and duly adopted, placed on its passage. PASSED (YEAST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>7</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>BURNS</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>EISBART</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>GIAQUINTA</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>NUCKOLS</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHMIDT, D.</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHMIDT, V.</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHOMBURG</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>STIER</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>TALARICO</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DATE: 7-14-81

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as - (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. 2-162-81 on the 14th day of July, 19 81.

ATTEST:
Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

(SEAL)
John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 15th day of July, 19 81, at the hour of 11:30 o'clock A. M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 20th day of July, 19 81, at the hour of 11 o'clock A. M., E.S.T.

Winfield C. Moses, Jr.
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-81-06-27

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 1, St. Joe Study Area, Sewer
Improvement Resolution 310-80, Phase III, Federal Grant.

#C-180599-06

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE Pass PASS.

PAUL M. BURNS, CHAIRMAN

VIVIAN G. SCHMIDT, VICE CHAIRMAN

BEN A. EISBART

SAMUEL J. TALARICO

ROY J. SCHOMBURG

Paul M. Burns
Vivian G. Schmidt
Ben A. Eisbart
Samuel J. Talarico
Roy J. Schomburg

7-14-81
DATE 7-14-81 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

Memorandum

Board of Public Works
To Attention: Clerk

Date 2 June 1981

From C. Duane Embury, P.E., Chief Water Pollution Control Engineer
ST. JOE STUDY AREA - Resolution 310-80 - Phase III - B.O. #15-80
Subject Federal Grant C-180599-06 - Joe R. Norman, Contractor
Change Order No. 1

COPIES TO:

Williams
Behrana
Boller
Contract File
Chrono

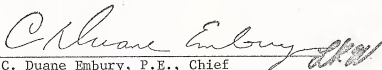
Attached herewith is an executed copy of Change Order No. 1 for subject Resolution. You will note that this Change Order has been hand-carried to the Indiana Stream Pollution Control Board for their review and approval.

Considering the Board of Public Works has approved this document, this Department recommends that the Clerk of the Board schedule on the Common Council of the City of Fort Wayne's docket the introduction of the referenced Resolution for 9 June 1981, for first reading.

The Change Order for this Resolution is an increase of \$3,975.00.

If you should have any questions regarding this change order please see me personally.

Respectfully submitted,



C. Duane Embury, P.E., Chief
Water Pollution Control Engineer

CDE/ns

Attachment: Change Order No. 1 - Joe R. Norman

Dated 6-2-81

Received this date from Water Pollution Control Engineering the above-referenced Change Order No. 1 to be introduced into Council on 9 June 1981.



Clerk, Board of Public Works

Not Approved
written 6-9-81

70-204-7

4/1/1



10-204-7
6/4/81

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

(219) 423-7061
engineering department

7th floor

1 June 1981

Indiana Stream Pollution Control Board
1330 West Michigan Street
Indianapolis, IN 46204

Attention: Robert T. Penno, Chief
Construction Grants' Section

Reference: ST. JOE STUDY AREA - Resolution 310-80 - Phase III
B.O. #15-80 - Federal Grant C-180599-06
Joe R. Norman, Contractor

Dear Mr. Penno:

Enclosed for your review and approval is Change Order No. 1 for
subject Resolution.

If you should have any questions regarding this Change Order,
please contact me directly at (219) 423-7061.

Sincerely,

C. Duane Embury, P.E., Chief
Water Pollution Control Engineer

CDE/ns

Enclosure: Change Order No. 1 (3)

cc: Board of Public Works
Lloyd R. Williams, P.E., Project Engineer
Jeff Behrana, Engineer
Contract File
Chrono

CHANGE ORDER

Change Order No. 1
 Project No. C-180599-06
 Name of Project: ST. JOE INTERCONNECT

Resolution No. Res.310-80-PHII
 Board Order No. 15-80
 Date: 1 June 1981

To: JOE R. NORMAN CONTRACTOR, INC.
 (Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
		"SEE ATTACHED SHEET"			
Total Decrease				80,700.00	
Total Increase					84,675.00
Net (Decrease) (Increase)					3,975.00

The sum of \$ 3,975.00 is hereby (added to) ~~(deducted from)~~ the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price	\$ 2,055,834.60
Current Contract Price Adjusted by Previous Change Order	\$ 2,059,809.60
New Contract Price including this Change Order	\$ <u>2,059,809.60</u>

The time provided for completion in the contract for this project is (unchanged) ~~(increased)~~ ~~(decreased)~~ by N/A calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: C. Duane Embury, P.E., Chief Engineer Date 6/2/81
 Accepted by: Donald L. Smith Contractor Date 6/2/81
 Approved by: DR Bolles City Engineer Date 6/2/81
 Approved by: [Signature] Owner Date 6/2/81
Greg R. Collins
 Attested by: Sandra E. Kennedy Clerk Date 6/2/81

Change Order No. 1

Resolution No. 310-80-Phase III

Board Order No. B.O. #15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

SEE ATTACHED SHEET

2. Will proposed change alter size of the project? Yes _____ No X

If yes, explain

NONE

3. Affect on operation and maintenance cost of this project:

David R. Williams

JUSTIFICATION OF CHANGE ORDER
ST. JOE STUDY AREA
RESOLUTION 310-80 - Phase III
JOE R. NORMAN CONTRACTOR, INC.

Items #3, 4, 33 and 34

The two special structures, namely SJ-16 and SJ-17 were proposed as monolithic structures spaced 45LF apart due to the sharp bend on Charlotte and Northside. This sharp bend constitutes a 135 degree turn and hence, a tremendous head loss is occurring between these two special structures to make the bend. Therefore, to reduce this head loss the contractor and the engineering department came up with a smooth 135° curve consisting of eighteen (18) 7½° 84" radius pipes.

From the engineering standpoint, this is a much better system for flow characteristics. This change order is an even trade-off between Items # 3 and 4 and Items #33 and 34. Special Structure SJ-17 will be eliminated completely and Special Structure SJ-16 will be replaced with a TEE manhole. The TEE manhole in this change order reflects a cost of \$2,800.00, which is quite compatible with the TEE manhole Structure SJ-14 that this contractor's bid on this project. Several pipe companies were also called regarding the pricing on 7½° radius pipes and they were all within 2-3% of the unit price submitted by pipe companies.

The above arrangement consisting of radius pipes will also eliminate the long delays of cast in place structures and extra excavation required. Hence, the project will progress without any delays at this particular intersection.

Items #6 and 36

The engineering department felt that the #53 or #73 special backfill which is nothing but bankrun gravel could be reduced or totally eliminated if we could see precise information on the soil profile. Therefore, additional soil borings were taken which gave us the opportunity to study the soil profile and to determine whether the existing spoil material is suitable for backfilling under streets. As it turned out, the soil borings revealed that the 90-95% of the project does have spoil material which equals or exceeds the #53 or #73 special backfill specifications. However, there were some clay pockets along the way and in those instances, #53 or #73 special backfill shall be used from the original bid item. Therefore, the engineering department estimated 10,100 CY to be deducted from the original bid item, which leaves 5,000CY to be used in clay pockets. Attached is also an invoice from Michigan Testing for the soil borings.

Item #35

The size of the project itself is such that the streets are being wiped out curb-to-curb. If we just put #53 or #73 special backfill, which is nothing but bankrun gravel, and then asphalt over the streets wouldn't be good engineering practice. In all probability, the streets would settle in a two-year period without a good subbase.

Therefore, the Street Engineering Department recommended #2 limestone and #53 limestone subbase. The contractor submitted a unit price of \$13.00/CY, which the Engineering Department negotiated down to \$11.00/CY and, we feel that this price is quite compatible to the prices we have been receiving on our Federal Projects.

Item #37

When the project was in its design stage, the Engineering Department located the existing 12" water main on the plans according to water construction drawings. We then located the proposed 84" sewer approximately 40 to 50 feet away from this 12" water main, so that relocation of the 12" water main would not be required. However, field location of the 12" water main indicates that the existing 12" water main is not located as originally shown on water engineering construction drawings. Therefore, 12" water main and proposed 84" sewers are in direct conflict and 12" water main must be relocated to facilitate installation of the 84" sewer.

The contractor submitted a unit price of \$40.00/LF, which was negotiated down to \$35.00/LF. This negotiated unit price is comparable with the unit price submitted by the lowest bidder on Phase IV of this project for 12" water main relocation.



MICHIGAN TESTING ENGINEERS, INC.

FORT WAYNE, INDIANA

1000 JORIE BOULEVARD
SUITE 34
OAK BROOK, ILLINOIS 60521
PHONE (312) 325-7972

04/10/81

MAIL
TO

JOE R. NORMAN CONTRACTOR INC
2801 N CATHERWOOD AVENUE
INDIANAPOLIS IN 46219

JOE R. NORMAN CONTRACTOR IN
2801 N CATHERWOOD AVENUE
INDIANAPOLIS IN 46219

ORDER NUMBER	PURCHASE ORDER	INVOICE DATE	INVOICE NUMBER	PAGE	FILE NO.	FRANCE NAME
285		03/31/81	121803	01	412-1501	ST JOE INTERCEPTOR SEWER

IF PROPER CREDIT TO YOUR ACCOUNT, PLEASE RETURN REMITTANCE COPY.

REPORT NUMBER	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
0 0000	SOIL DRILLING AND SAMPLING - PER FOOT	297.0	6.00	1782.0
	TOTAL BILLING THIS MONTH			1782.0

5% NET 10 DAYS. A SERVICE
CHARGE OF 1.5% PER MONTH.
THIS IS AN ANNUAL PERCENT-
AGE OF THE AMOUNT DUE.

ANALYSIS OF
YOUR ACCOUNT

1,782.00

1,782.0

JOE R. NORMAN CONTRACTOR, INC.
2001 NORTH CATHERWOOD AVENUE
INDIANAPOLIS, INDIANA 46219

21461

PAY
TO THE
ORDER OF

MICHIGAN TESTING

April 24, 1981

$$\frac{20-1}{740}$$

\$ 1,782.00

THOMAS J. 1782 DOLS O OOTS

DOLLARS

AMERICAN FLETCHER NATIONAL BANK

AENEID

Indianapolis, Indiana 46277

NON-NEGOTIABLE AFTER 30 DAYS
JPE R. NORMAN CONTRACTOR, INC.

FOR

L. A. Norma

X'0214611# @ 1:0740000101: 26(40)8311



Joe R Norman Contractor, Inc.
Sewer and Water Line Contractors

2801 N. CATHERWOOD AVENUE
INDIANAPOLIS, INDIANA 46219
TELEPHONE: (317) 545-6206

RECEIVED

May 15, 1981

Water Pollution Control
Engineering Department
City County Building
One Main Street
Fort Wayne, Indiana 46802

MAY 19 1981

Water Pollution Control Engr. Dept.
City-County Building, One Main St.
Ft. Wayne, Indiana 46802

Re: Resolution 310, Phase III
Change Order Documentation

Attention: Mr. Jeff Behrana

Dear Jeff:

As per your request, attached herewith is estimate sheets for the 12" water main, and for the #73 stone unit price for documentation.

Our invoice forwarded to the City from Michigan Testing, was derived at by cost + 15%, which was for services rendered for determining if the special backfill could be eliminated, and excavated materials could be utilized.

For the elimination of SJ-16 & SJ-17, we proposed 12- 7½ degree radius pipes, and one T manhole, cost of which can be substantiated through this past months billing, on the materials stored sheet.

I trust this information meets with your approval, but if you should require any other substantiation, please contact this writer.

Sincerely,

J. A. Norman
Joe A. Norman

JAN/jan
encl:

DESCRIPTION	QUANTITY	"	MATERIAL	LABOR	SUBCONTRACT	TOTAL
12" D.I	975	1182	1152450	682500		1834950
12x12 Tap. Sleeve	2	71991	143982	70000		213982
12x12 Tap. Valve	2	102901	205802	70000		275802
12x6 Tap. Sleeve	2	56970	113940	70000		183940
12x6 Tap. Valve	2	30333	60646	70000		130646
12x4 Tap. Sleeve	1	56970	56970	35000		91970
12x4 Tap. Valve	1	21876	21876	35000		56876
12" x 22" Bend	1	18554	18554	4400		22954
12" x 90" Bend	1	20815	20815	4400		25215
Concrete Kickers	5		4500	2200		33500
<p>→ say \$35.00 LF UNIT COST</p>						

JOB DESCRIPTION UNIT COST FOR STONE

CHECKED BY

DATE _____

BID DATE

FORWARD

DESCRIPTION

QUANTITY

44

MATERIAL

LABOR

SUBCONTRACT

TOTAL

Stone wt.	3,100 #	+ per c.p.	= 1.55	Tot
Stone	Cost	per ton	= 5.15	
Handling	cost	per ton	1.50	
15%	0/4		1.43	

10.92

→ Say \$11.00 per C.Y. UNIT CO.



THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

board of public works

June 9, 1981

The Common Council
Fort Wayne, Indiana

SUBJECT: CHANGE ORDER #1, ST. JOE STUDY AREA, RESOLUTION 310-80 PHASE III
FEDERAL GRANT C-180599-06, JOE NORMAN, CONTRACTOR

Gentlemen and Mrs. Schmidt:

Change Order #1 with Joe E. Norman as the contractor in the amount of \$3,975.00 on Federal Grant Number C-180599-06, St. Joe Study Area, Resolution 310-80 Phase III has been approved by the Board of Public Works (Federal Funded Project).

Said change is required due to during the course of construction it became apparent the existing 12" waterline had to be replaced.

Special Ordinance for formal approval will be introduced in the near future.

Yours truly,

BOARD OF PUBLIC WORKS

MARK L. AKERS, CHAIRMAN

CITY OF FORT WAYNE

WIN MOSES, JR., MAYOR

sa
approved:

attest:

Charles Westerman, City Clerk

TITLE OF ORDINANCE CHANGE ORDER #1, ST. JOE STUDY AREA, SEWER IMPROVEMENT RESOLUTION 310-80
5880
PHASE III FEDERAL GRANT C-180599-06
DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS S-81-06-27

SYNOPSIS OF ORDINANCE CHANGE ORDER #1 WITH JOE E. NORMAN AS THE CONTRACTOR FOR THE ST.

JOE STUDY AREA, SEWER IMPROVEMENT RES. 310-80 PHASE III, FEDERAL GRANT NO. C-180599-

HAS BEEN REQUESTED DUE TO DURING THE COURSE OR CONSTRUCTION IT BECAME APPARENT 06

THE EXISTING 12" WATERLINE HAD TO BE REPLACED.

Prior Approval Acquired and attached

EFFECT OF PASSAGE THE CONTINUATION OF THE ST. JOE STUDY AREA PROJECT.

EFFECT OF NON-PASSAGE THE ABOVE PROJECT CANNOT BE CONTINUED.

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) AN INCREASE OF \$3,975.00 TO BE PAID AS

FOLLOWS: (75%) EPA, (10%) STATE, (15%) CITY UTILITIES.

ASSIGNED TO COMMITTEE _____